

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Method for accessing private data or services from a mobile station over a public network including the step of authenticating a user of the mobile station for accessing to private data/services, comprising the steps of :

- composing a text-based request message on the mobile station using a standard public text messaging protocol, said message including a request for private data, and sending said request message to a private server (MG, PS) offering the access to said private data/services, via the telephone network,
- checking the authenticity of the user of the mobile station based on the request message received by the server,
- if the ~~user~~-authenticity of the user of the mobile station is confirmed, composing a text-based response message using a standard public text messaging protocol, the response message including the requested private data/services of the private server, and sending back to the mobile station said text-based response message, via the telephone network,

wherein the request message additionally includes a user unique identifier, and is received by the private server with an appended user mobile station number,

wherein the authenticity checking performed by the private server comprises the steps of :

- checking whether the user unique identifier is stored in a private directory database, and
- checking whether the appended user mobile station number matches with the user mobile station number allocated to the user unique identifier stored in the private directory database;

and wherein, if the user authenticity is confirmed, an interaction between the private server and the mobile station is limited to the exchange of the text-based request message and the text-based response; and repeating the recited steps for any further interaction between the private server and the mobile station.

2. (Original) The method of claim 1, wherein the user unique identifier is a data related to the user of the mobile station, said data being stored in the private directory database.
3. (Original) The method of claim 2, wherein said data related to the user of the mobile station is the lightweight directory access protocol alias of the user.
4. (Currently Amended) The method according to claim 1, wherein the request message is a text message ~~of the SMS type~~ based on a Short Message System (SMS).
5. (Currently Amended) The method according to claim 1, wherein the request message is a Multimedia Message System (MMS) based ~~MMS type~~ message.
6. (Currently Amended) The method according claim 1, wherein the response message is a text message of the SMS type ~~based on a Short Message System (SMS)~~.
7. (Currently Amended) The method according to claim 1, wherein the response message is a Multimedia Message System (MMS) based ~~MMS type~~ message.
8. (Original) The method according to claim 1, wherein the request message and the response message are ciphered.
9. (Currently Amended) The method according to claim 1, wherein the requested data are stored in a private directory database.
10. (Original) The method according to claim 1, wherein between public network and private network a gateway is installed, adapted to send and receive text-based messages and identifying the user mobile station number.

11. (Original) The method according to claim 1, wherein the request message includes a remote control command for equipment connected to the private network.